Amendments to the Specification:

Please replace the paragraph beginning at page 30, line 2 with the following re-written paragraph:

A method for linearizing a nonlinear curve with a linearization circuit (1), wherein the curve represents the relationship between input signals and output signals of a sensor. An output signal (100, 110, 120) of the sensor, which is respectively associated with an input signal, is displayed with respect to a simple and cost[[-]]favorable linearization such that the adjustment of the linearization circuit (1) essentially occurs in an automated way utilizing ~~by means of~~ a sequence controller (2). A corresponding circuit is also described for practicing the method.